

Amendments to the Drawings

Please accept the substitute Figures 1 and 2 submitted herewith without prejudice.

Remarks/Arguments

Reconsideration of the subject application is requested.

Status of the Claims

Claims 1-8 are pending.

Claims 1-8 stand rejected.

No claim amendments have been made as part of this response.

Drawings

The drawings stand objected to as including hand written labels. Applicant has submitted substitute drawings herewith.

Accordingly, Applicant submits all requirements with regard to the drawings have been met, and respectfully requests reconsideration and removal of the objections thereto.

Rejection of Claims 1-8 under 35 U.S.C. 102(b)

Claims 1-8 stand rejected under 35 U.S.C. 102(b) as being anticipated by United States Patent No. 4,903,196 (Pomerene). Applicant traverses these rejections for at least the following reasons.

35 U.S.C. 102(b) recites:

A person shall be entitled to a patent unless - (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of the application for patent in the United States

Consistently, "a claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference." See, M.P.E.P. §2131 citing Verdegaal Bros. v. Union Oil Co. of California, 814 F.2d 628, 631, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987).

As is described on page 3 of the subject application, according to the invention, not only a single flag but the number of the pipeline stage which currently carries the

instruction and the type of the respective instruction is stored in the corresponding scoreboard or register file address at the address of the destination address of the particular instruction. Consistently, Claim 1 recites, *inter alia*, a method for pipeline processing a chain of processing instructions, wherein scoreboard data are scored and updated about the type of instruction that is related to said currently required operand or result, or currently required operands or results. Pomerene fails to teach or suggest such a method.

For example, a detailed review of Pomerene, including those portions cited in the Office action, fails to reveal any tag or other data that indicates the type of the corresponding instruction – as is recited by Claim 1. Accordingly, Applicant submits Pomerene fails to anticipate the method of Claim 1, at least by virtue that it fails to teach or suggest a method for pipeline processing a chain of processing instructions, wherein scoreboard data are scored and updated about the type of instruction that is related to said currently required operand or result, or currently required operands or results.

Wherefore, Applicant requests reconsideration and removal of the rejection of Claim 1. Applicant also requests reconsideration and removal of the rejections of Claims 2-4 as well, at least by virtue of these claims' ultimate dependency upon a patentably distinct base Claim 1.

Turning now to Claim 5, it analogously recites, *inter alia*, apparatus for pipeline processing a chain of processing instruction, wherein data are stored and updated about the type of instruction that is related to the currently required operand or result, or currently required operands or results. Accordingly, Applicant requests reconsideration and removal of the rejection thereof for at least the foregoing reasons. Applicant also requests reconsideration and removal of the rejections of Claims 6-8 as well, at least by virtue of their dependence on an allowable base Claim 5.

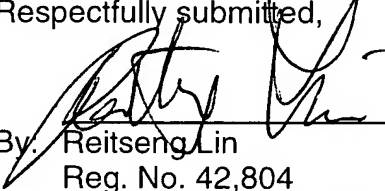
Conclusion

Having fully addressed the rejections, it is believed that, in view of the preceding amendments and remarks, this application stands in condition for allowance. Accordingly, reconsideration and allowance are respectfully solicited. If, however, the Examiner is of the opinion that such action cannot be taken, the Examiner is invited to

contact the applicant's attorney at (609) 734-6813, so that a mutually convenient date and time for a telephonic interview may be scheduled.

No fee is believed due. However, if a fee is due, please charge the fee to Deposit Account 07-0832.

Respectfully submitted,


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CERTIFICATE OF MAILING

I hereby certify that this amendment is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to [Mail Stop Amendment], Commissioner for Patents, Alexandria, Virginia 22313-1450 on:

1-31-07
Date

Karen Schleich